

Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2000, West Virginia

Year	Coal ^a	Natural Gas ^b	Petroleum											Nuclear Electric Power	Hydro-electric Power ^e	Wood and Waste ^a	Other ^{a,f}	Net Interstate Flow of Electricity/Losses ^g	Total ^h
			Asphalt & Road Oil ^a	Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	Kerosene ^a	LPG ^{a,c}	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,d}	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Million kWh		Other ^{a,f}	Million kWh	Total ^h	
1960	R 14,058	150	918	119	2,473	169	276	558	570	11,609	1,481	4,691	22,864	0	938	—	—	-12,238	—
1965	19,049	164	907	201	2,837	130	253	961	636	12,762	2,153	11,875	32,714	0	828	—	—	-16,716	—
1970	25,376	181	863	78	3,917	290	320	1,230	684	15,831	2,065	14,523	39,801	0	996	—	—	-52,336	—
1975	34,469	158	944	58	5,922	249	325	1,498	686	19,314	2,504	16,544	48,043	0	1,063	—	—	-120,635	—
1980	34,939	143	717	65	10,541	357	496	3,435	671	19,390	1,463	20,395	57,530	0	1,114	—	—	-133,702	—
1985	34,999	117	430	39	9,718	235	696	1,157	610	18,513	970	13,876	46,243	0	1,058	—	—	R -160,397	—
1990	34,896	120	728	36	9,760	273	295	1,612	687	19,643	1,285	19,421	53,740	0	R i 1,295	—	—	R -146,432	—
1991	R 32,028	111	528	33	9,626	237	300	1,821	614	19,342	1,070	13,299	46,871	0	R 1,065	—	—	R -129,124	—
1992	R 32,678	129	550	0	9,455	271	337	1,692	626	19,860	581	14,304	47,676	0	R 1,271	—	—	R -133,451	—
1993	R 33,574	135	427	26	10,758	257	424	1,821	638	19,638	516	13,864	48,367	0	R 1,114	—	—	R -129,339	—
1994	R 36,262	145	692	26	11,075	225	412	1,972	666	19,960	501	14,508	50,037	0	R 1,146	—	—	R -147,341	—
1995	R 35,381	148	639	27	11,346	174	394	1,944	655	20,891	200	14,036	50,308	0	R 1,193	—	—	R -145,164	—
1996	R 37,104	155	944	32	9,385	170	490	2,199	636	18,899	358	3,560	36,673	0	R 1,425	—	—	R -159,598	—
1997	R 38,059	159	1,157	22	10,871	172	513	2,874	672	19,752	236	3,524	39,793	0	R 1,139	—	—	R -171,800	—
1998	R 39,577	143	1,227	30	12,779	175	583	2,157	703	19,724	77	4,363	41,817	0	1,086	—	—	R -174,222	—
1999	R 40,351	140	762	22	12,230	184	633	1,076	710	19,491	111	4,821	40,040	0	930	—	—	R -183,151	—
2000	39,974	144	786	20	12,569	189	444	1,578	700	19,424	356	3,943	40,009	0	1,151	—	—	-183,673	—
Trillion Btu																			
1960	R 354.4	155.6	6.1	0.6	14.4	0.9	1.6	2.2	3.5	61.0	9.3	27.3	126.8	0.0	10.1	13.4	0.0	-41.8	R 618.5
1965	477.4	176.1	6.0	1.0	16.5	0.7	1.4	3.9	3.9	67.0	13.5	67.0	181.0	0.0	8.7	11.9	0.0	-57.0	798.0
1970	612.4	186.5	5.7	0.4	22.8	1.6	1.8	4.6	4.2	83.2	13.0	80.4	217.7	0.0	10.4	10.7	0.0	-178.6	859.2
1975	817.4	164.3	6.3	0.3	34.5	1.4	1.8	5.6	4.2	101.5	15.7	92.8	264.0	0.0	11.1	11.7	0.0	-411.6	856.9
1980	857.8	147.6	4.8	0.3	61.4	2.0	2.8	12.6	4.1	101.9	9.2	112.5	311.5	0.0	11.6	9.6	0.0	-456.2	881.9
1985	871.7	125.0	2.9	0.2	56.6	1.3	3.9	4.2	3.7	97.2	6.1	75.8	251.9	0.0	11.1	13.0	0.0	R -547.3	R 725.5
1990	872.7	129.0	4.8	0.2	56.9	1.5	1.7	5.8	4.2	103.2	8.1	106.7	293.0	0.0	R i 13.5	R 7.0	ⁱ (s)	R -499.6	R 815.5
1991	R 801.5	118.8	3.5	0.2	56.1	1.3	1.7	6.6	3.7	101.6	6.7	73.3	254.7	0.0	R 11.1	6.8	(s)	R -440.6	752.4
1992	R 813.0	137.2	3.6	0.0	55.1	1.5	1.9	6.1	3.8	104.3	3.7	78.6	258.7	0.0	R 13.1	6.9	(s)	R -455.3	R 773.7
1993	R 821.0	144.0	2.8	0.1	62.7	1.4	2.4	6.6	3.9	103.2	3.2	76.0	262.3	0.0	R 11.5	7.1	(s)	R -441.3	R 804.6
1994	R 891.2	154.7	4.6	0.1	64.5	1.3	2.3	7.2	4.0	104.4	3.1	79.5	271.1	0.0	R 11.8	7.1	(s)	R -502.7	R 833.3
1995	R 873.6	157.4	4.2	0.1	66.1	1.0	2.2	7.0	4.0	108.9	1.3	76.9	271.8	0.0	R 12.3	7.8	(s)	R -495.3	R 827.7
1996	R 913.5	164.1	6.3	0.2	54.7	1.0	2.8	7.9	3.9	98.6	2.2	20.5	197.9	0.0	R 14.7	8.4	(s)	R -544.5	R 754.2
1997	R 937.1	169.9	7.7	0.1	63.3	1.0	2.9	10.4	4.1	103.0	1.5	20.2	214.1	0.0	R 11.6	6.5	(s)	R -586.2	R 753.1
1998	R 969.7	151.6	8.1	0.2	74.4	1.0	3.3	7.8	4.3	102.8	0.5	25.3	227.7	0.0	R 11.1	5.8	(s)	R -594.4	R 771.5
1999	R 992.3	147.4	5.1	0.1	71.2	1.0	3.6	3.9	4.3	101.6	0.7	28.0	219.5	0.0	R 9.5	6.1	0.1	R -624.9	R 749.9
2000	980.0	154.2	5.2	0.1	73.2	1.1	2.5	5.7	4.2	101.2	2.2	22.7	218.2	0.0	11.7	6.4	(s)	-626.7	744.0

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical Notes for each type of energy.

^b Includes supplemental gaseous fuels.

^c Liquefied petroleum gases.

^d "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in the Technical Notes, Section 4, "Other Petroleum Products."

^e If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

^f "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Section 5 of the Technical Notes for an explanation of estimation methodology.

^g Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number indicates

that more electricity (including associated losses) came into the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

^h From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources (shown in the Technical Notes Table TN8) is included in the total but not in any other columns.

ⁱ There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

kWh=Kilowatthours. R=Revised data. —=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 8. Residential Energy Consumption Estimates, Selected Years, 1960-2000, West Virginia

Year	Coal ^a	Natural Gas ^b	Petroleum				Wood ^a	Geothermal	Solar ^d	Electricity ^a	Electrical System Energy Losses ^e	Total
			Distillate Fuel ^a	Kerosene ^a	LPG ^{a,c}	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords	Geothermal	Solar ^d	Million Kilowatthours	Net Energy	Million Kilowatthours
1960	R 144	50	204	148	226	578	416	—	—	1,714	—	4,263
1965	R 138	50	304	184	280	768	320	—	—	2,365	—	5,647
1970	R 107	58	250	267	266	783	287	—	—	3,459	—	8,383
1975	R 71	51	581	172	331	1,084	298	—	—	4,979	—	12,010
1980	R 33	48	1,169	408	395	1,973	264	—	—	6,606	—	16,064
1985	R 16	37	462	390	225	1,078	395	—	—	6,712	—	R 15,707
1990	R 32	33	574	210	416	1,200	214	—	—	7,578	—	R 16,531
1991	R 15	33	537	197	394	1,128	226	—	—	8,106	—	R 17,487
1992	R 15	35	462	245	454	1,162	237	—	—	8,138	—	R 17,246
1993	R 17	35	568	323	483	1,374	245	—	—	8,682	—	R 18,241
1994	R 13	35	584	304	487	1,375	240	—	—	8,663	—	R 17,954
1995	R 8	35	480	287	416	1,183	266	—	—	9,166	—	R 19,019
1996	R 13	37	608	377	479	1,464	266	—	—	9,277	—	R 19,261
1997	R 12	36	623	399	677	1,699	175	—	—	9,027	—	R 18,662
1998	R 18	30	558	473	512	1,543	R 159	—	—	9,053	—	R 18,588
1999	R 20	31	484	551	712	1,747	R 169	—	—	9,452	—	R 18,382
2000	24	32	500	348	751	1,599	177	—	—	9,738	—	16,696
Trillion Btu												
1960	R 3.6	51.4	1.2	0.8	0.9	2.9	8.3	0.0	0.0	5.8	R 72.1	14.5
1965	R 3.4	53.2	1.8	1.0	1.1	3.9	6.4	0.0	0.0	8.1	R 75.0	19.3
1970	R 2.6	59.7	1.5	1.5	1.0	4.0	5.7	0.0	0.0	11.8	R 83.8	28.6
1975	R 1.7	53.2	3.4	1.0	1.2	5.6	6.0	0.0	0.0	17.0	R 83.5	41.0
1980	R 0.8	49.8	6.8	2.3	1.5	10.6	5.3	0.0	0.0	22.5	R 89.0	54.8
1985	R 0.4	39.2	2.7	2.2	0.8	5.7	7.9	0.0	0.0	22.9	R 76.1	R 53.6
1990	R 0.8	34.9	3.3	1.2	1.5	6.0	4.3	f 0.0	f (s)	25.9	Rf 71.9	R 56.4
1991	R 0.4	35.0	3.1	1.1	1.4	5.7	4.5	0.0	(s)	27.7	R 73.2	R 59.7
1992	R 0.4	37.6	2.7	1.4	1.6	5.7	4.7	0.0	(s)	27.8	R 76.2	R 58.8
1993	R 0.4	37.5	3.3	1.8	1.7	6.9	4.9	0.0	(s)	29.6	R 79.4	R 62.2
1994	R 0.3	37.5	3.4	1.7	1.8	6.9	4.8	0.0	(s)	29.6	R 79.1	R 61.3
1995	R 0.2	37.5	2.8	1.6	1.5	5.9	5.3	0.0	(s)	31.3	R 80.3	R 64.9
1996	R 0.3	39.7	3.5	2.1	1.7	7.4	5.3	0.0	(s)	31.7	R 84.4	R 65.7
1997	R 0.3	38.4	3.6	2.3	2.4	8.3	3.5	0.0	(s)	30.8	R 81.4	R 63.7
1998	R 0.4	31.5	3.2	2.7	1.8	7.8	R 3.2	0.0	(s)	30.9	R 73.9	R 63.4
1999	R 0.5	33.1	2.8	3.1	2.6	8.5	R 3.4	(s)	(s)	32.3	R 77.8	R 62.7
2000	0.6	33.8	2.9	2.0	2.7	7.6	3.5	(s)	(s)	33.2	78.8	57.0
R=Revised data.												

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

^b Includes supplemental gaseous fuels.

^c Liquefied petroleum gases.

^d Includes small amounts of solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Section 5 of the the Technical Notes for an explanation of estimation methodology.

^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 9. Commercial Energy Consumption Estimates, Selected Years, 1960-2000, West Virginia

Year	Coal ^a	Natural Gas ^b	Petroleum						Wood ^a	Electricity ^a	Electrical System Energy Losses ^d	Total ^e		
			Distillate Fuel ^a	Kerosene ^a	LPG ^{a,c}	Motor Gasoline	Residual Fuel ^a	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Thousand Cords	Geothermal	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 100	15	75	8	40	65	8	195	8	—	1,134	—	2,821	—
1965	R 104	15	111	9	49	66	12	248	6	—	1,620	—	3,869	—
1970	R 84	22	92	14	47	56	9	218	5	—	2,238	—	5,423	—
1975	R 167	25	213	9	58	59	9	349	6	—	2,858	—	6,893	—
1980	R 123	22	262	37	70	110	5	484	6	—	3,658	—	8,895	—
1985	R 65	17	603	129	40	307	5	1,084	11	—	4,462	—	R 10,442	—
1990	R 146	21	443	46	73	330	66	958	14	—	5,085	—	R 11,093	—
1991	R 81	21	517	64	70	262	51	964	R 15	—	5,313	—	R 11,461	—
1992	R 72	24	322	32	80	219	56	708	R 16	—	5,323	—	R 11,280	—
1993	R 85	24	437	36	85	20	20	597	R 20	—	5,572	—	R 11,707	—
1994	R 73	25	408	38	86	20	5	557	R 21	—	5,631	—	R 11,671	—
1995	R 57	26	345	37	73	20	0	475	R 21	—	5,944	—	R 12,334	—
1996	R 96	28	267	37	85	20	0	408	R 23	—	6,030	—	R 12,520	—
1997	R 93	26	326	51	120	19	0	516	R 20	—	6,040	—	R 12,488	—
1998	R 145	25	378	57	90	19	0	544	R 20	—	6,297	—	R 12,929	—
1999	R 148	27	320	64	126	19	0	529	R 21	—	6,565	—	R 12,768	—
2000	193	26	343	74	133	19	0	569	22	—	6,872	—	11,783	—
Trillion Btu														
1960	R 2.5	16.0	0.4	(s)	0.2	0.3	(s)	1.0	0.2	0.0	3.9	R 23.6	9.6	R 33.2
1965	R 2.6	15.6	0.6	0.1	0.2	0.3	0.1	1.3	0.1	0.0	5.5	R 25.1	13.2	R 38.3
1970	R 2.0	22.3	0.5	0.1	0.2	0.3	0.1	1.1	0.1	0.0	7.6	R 33.2	18.5	R 51.7
1975	R 4.0	25.7	1.2	0.1	0.2	0.3	0.1	1.9	0.1	0.0	9.8	R 41.4	23.5	R 64.9
1980	R 3.0	22.7	1.5	0.2	0.3	0.6	(s)	2.6	0.1	0.0	12.5	R 40.9	30.3	R 71.2
1985	R 1.6	18.4	3.5	0.7	0.1	1.6	(s)	6.0	0.2	0.0	15.2	R 41.5	R 35.6	R 77.1
1990	R 3.7	22.9	2.6	0.3	0.3	1.7	0.4	5.3	0.3	f 0.0	17.4	f 49.5	R 37.8	f 87.3
1991	R 2.0	22.6	3.0	0.4	0.3	1.4	0.3	5.3	0.3	0.0	18.1	R 48.4	R 39.1	R 87.5
1992	R 1.8	26.0	1.9	0.2	0.3	1.2	0.3	3.8	0.3	0.0	18.2	R 50.1	R 38.5	R 88.6
1993	R 2.1	26.0	2.5	0.2	0.3	0.1	0.1	3.3	0.4	0.0	19.0	R 50.8	R 39.9	R 90.7
1994	R 1.8	26.6	2.4	0.2	0.3	0.1	(s)	3.0	0.4	0.0	19.2	R 51.1	R 39.8	R 90.9
1995	R 1.4	27.5	2.0	0.2	0.3	0.1	0.0	2.6	0.4	0.0	20.3	R 52.1	R 42.1	R 94.2
1996	R 2.4	29.7	1.6	0.2	0.3	0.1	0.0	2.2	R 0.5	0.0	20.6	R 55.3	R 42.7	R 98.0
1997	R 2.3	27.7	1.9	0.3	0.4	0.1	0.0	2.7	0.4	0.0	20.6	R 53.7	R 42.6	R 96.3
1998	R 3.5	26.6	2.2	0.3	0.3	0.1	0.0	2.9	0.4	0.0	21.5	R 54.9	R 44.1	R 99.1
1999	R 3.6	28.8	1.9	0.4	0.5	0.1	0.0	2.8	R 0.4	(s)	22.4	R 58.0	R 43.6	R 101.6
2000	5.0	28.0	2.0	0.4	0.5	0.1	0.0	3.0	0.4	(s)	23.4	59.8	40.2	100.0

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

^b Includes supplemental gaseous fuels.

^c Liquefied petroleum gases.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 10. Industrial Energy Consumption Estimates, Selected Years, 1960-2000, West Virginia

Year	Coal ^a	Natural Gas ^b	Petroleum										Hydro-electric Power ^a	Wood and Waste ^a	Electricity ^a	Net Energy	Electrical System Energy Losses ^f	
			Asphalt and Road Oil ^a	Distillate Fuel ^a	Kerosene ^a	LPG ^{a,c}	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,d}	Total	Million kWh						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels										Other ^{a,e}	Total	Million kWh	Million kWh	Million kWh	Total
1960	7,802	76	918	452	120	290	372	204	1,437	4,691	8,485	540	—	—	5,915	—	14,713	—
1965	10,747	81	907	890	60	627	438	155	2,080	11,875	17,033	493	—	—	7,984	—	19,063	—
1970	10,279	93	863	1,087	39	907	500	114	1,621	14,523	19,655	558	—	—	9,426	—	22,842	—
1975	8,424	68	944	1,533	144	1,095	447	78	1,787	16,544	22,571	595	—	—	9,102	—	21,955	—
1980	6,284	59	717	3,585	51	2,955	420	81	1,458	20,395	29,663	690	—	—	10,567	—	25,695	—
1985	3,551	45	430	1,897	177	871	383	229	964	13,876	18,827	690	—	—	9,673	—	R 22,636	—
1990	4,845	58	728	2,670	39	1,103	430	249	19,421	25,860	R 9 860	—	—	10,469	—	R 22,839	—	
1991	R 4,374	49	528	2,580	39	1,340	385	259	1,019	13,299	19,449	R 709	—	—	10,206	—	R 22,016	—
1992	R 4,542	52	550	2,192	60	1,136	393	250	526	14,304	19,409	R 848	—	—	10,370	—	R 21,975	—
1993	R 5,690	54	427	2,729	65	1,232	400	161	496	13,864	19,373	R 752	—	—	10,187	—	R 21,403	—
1994	R 5,858	55	692	2,962	70	1,373	418	181	496	14,508	20,701	R 783	—	—	10,482	—	R 21,723	—
1995	R 4,660	60	639	3,209	71	1,443	411	194	200	14,036	20,203	R 798	—	—	10,867	—	R 22,549	—
1996	R 4,220	57	944	3,187	77	1,625	399	189	354	3,560	10,334	R 928	—	—	10,820	—	R 22,466	—
1997	R 3,467	65	1,157	2,933	63	2,077	421	199	236	3,524	10,611	R 762	—	—	11,180	—	R 23,115	—
1998	R 4,282	57	1,227	3,107	53	1,555	441	226	77	4,363	11,049	725	—	—	11,161	—	R 22,916	—
1999	R 4,091	51	762	3,057	18	237	445	187	111	4,821	9,638	628	—	—	11,126	—	R 21,637	—
2000	4,106	54	786	2,799	21	692	439	200	356	3,943	9,236	813	—	—	11,083	—	19,002	—
Trillion Btu																		
1960	204.4	78.4	6.1	2.6	0.7	1.2	2.3	1.1	9.0	27.3	50.2	5.8	4.9	0.0	20.2	363.8	50.2	414.0
1965	280.0	87.1	6.0	5.2	0.3	2.5	2.7	0.8	13.1	67.0	97.6	5.1	5.4	0.0	27.2	502.5	65.0	567.5
1970	260.2	95.7	5.7	6.3	0.2	3.4	3.0	0.6	10.2	80.4	109.9	5.9	4.9	0.0	32.2	508.8	77.9	586.7
1975	212.5	70.5	6.3	8.9	0.8	4.1	2.7	0.4	11.2	92.8	127.2	6.2	5.7	0.0	31.1	453.2	74.9	528.1
1980	162.4	61.4	4.8	20.9	0.3	10.9	2.5	0.4	9.2	112.5	161.4	7.2	4.2	0.0	36.1	432.5	87.7	520.2
1985	91.0	48.4	2.9	11.1	1.0	3.1	2.3	1.2	6.1	75.8	103.4	7.2	4.9	0.0	33.0	287.9	R 77.2	R 365.1
1990	124.3	61.7	4.8	15.6	0.2	4.0	2.6	1.3	7.7	106.7	142.9	R 9 8.9	R 2.4	35.7	R 9 375.9	R 77.9	R 9 453.9	
1991	R 109.9	52.2	3.5	15.0	0.2	4.8	2.3	1.4	6.4	73.3	107.0	R 7.4	R 2.0	0.0	34.8	R 313.3	R 75.1	R 388.4
1992	R 108.3	55.7	3.6	12.8	0.3	4.1	2.4	1.3	3.3	78.6	106.5	R 8.8	R 1.8	0.0	35.4	R 316.4	R 75.0	R 391.4
1993	R 124.5	57.8	2.8	15.9	0.4	4.4	2.4	0.8	3.1	76.0	105.9	R 7.8	R 1.8	0.0	34.8	R 332.5	R 73.0	R 405.6
1994	R 133.1	58.4	4.6	17.3	0.4	5.0	2.5	0.9	3.1	79.5	113.3	R 8.1	R 1.9	0.0	35.8	R 350.5	R 74.1	R 424.6
1995	R 110.5	64.0	4.2	18.7	0.4	5.2	2.5	1.0	1.3	76.9	110.2	R 8.2	R 2.1	0.0	37.1	R 332.1	R 76.9	R 409.1
1996	R 99.4	60.0	6.3	18.6	0.4	5.9	2.4	1.0	2.2	20.5	57.2	R 9.6	R 2.6	0.0	36.9	R 265.8	R 76.7	R 342.5
1997	R 79.4	69.0	7.7	17.1	0.4	7.5	2.6	1.0	1.5	20.2	57.9	R 7.8	R 2.6	0.0	38.1	R 254.9	R 78.9	R 333.7
1998	R 101.1	60.3	8.1	18.1	0.3	5.6	2.7	1.2	0.5	25.3	61.8	R 7.4	R 2.3	0.0	38.1	R 270.9	R 78.2	R 349.1
1999	R 95.9	53.6	5.1	17.8	0.1	0.9	2.7	1.0	0.7	28.0	56.2	R 6.4	R 2.3	0.0	38.0	R 252.3	R 73.8	R 326.1
2000	97.9	57.3	5.2	16.3	0.1	2.5	2.7	1.0	2.2	22.7	52.8	8.3	2.3	0.0	37.8	256.4	64.8	321.2

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

^b Includes supplemental gaseous fuels.

^c Liquefied petroleum gases.

^d "Other" is the subtotal of 16 petroleum products. See a full description in Section 4 of the Technical Notes "Other Petroleum Products."

^e "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Section 5 of the Technical Notes for an explanation of estimation methodology.

^f Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

kWh=Kilowatthours. — =Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 11. Transportation Energy Consumption Estimates, Selected Years, 1960-2000, West Virginia

Year	Coal ^a	Natural Gas ^b	Petroleum							Ethanol ^d	Electricity ^a	Electrical System Energy Losses ^e	Total ^d	
			Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	LPG ^{a,c}	Lubricants ^a	Motor Gasoline	Residual Fuel ^a					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Thousand Barrels	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 134	8	119	1,742	169	2	199	11,340	3	13,573	0	0	—	0
1965	R 35	18	201	1,530	130	4	198	12,541	0	14,603	0	0	—	0
1970	R 16	8	78	2,485	290	10	185	15,660	5	18,713	0	0	—	0
1975	1	14	58	3,589	242	14	239	19,176	0	23,318	0	0	—	0
1980	0	13	65	4,846	353	14	250	19,199	0	24,728	0	0	—	0
1985	0	18	39	6,386	235	22	228	17,977	(s)	24,886	f 0	0	—	0
1990	0	9	36	5,706	273	19	256	19,063	0	25,354	0	0	—	0
1991	0	8	33	5,653	237	17	229	18,821	0	24,990	0	0	—	0
1992	0	17	0	6,172	271	21	234	19,392	0	26,090	111	0	—	0
1993	0	21	26	6,667	257	21	238	19,457	0	26,666	65	0	—	0
1994	0	30	26	6,697	225	26	249	19,759	0	26,982	48	0	—	0
1995	0	26	27	6,973	174	12	244	20,678	0	28,108	33	0	—	0
1996	0	32	32	4,970	170	10	237	18,691	4	24,114	5	0	—	0
1997	0	32	22	6,698	172	(s)	250	19,533	0	26,676	5	0	—	0
1998	0	31	30	8,412	175	(s)	262	19,479	0	28,358	1	0	—	0
1999	0	30	22	8,049	184	1	265	19,284	0	27,806	(s)	0	—	0
2000	0	33	20	8,479	189	2	261	19,205	0	28,156	8	0	—	0
Trillion Btu														
1960	R 3.4	8.7	0.6	10.1	0.9	(s)	1.2	59.6	(s)	72.5	0.0	0.0	R 84.6	0.0
1965	0.9	19.3	1.0	8.9	0.7	(s)	1.2	65.9	0.0	77.7	0.0	0.0	97.9	0.0
1970	0.4	8.1	0.4	14.5	1.6	(s)	1.1	82.3	(s)	99.9	0.0	0.0	108.5	0.0
1975	(s)	14.6	0.3	20.9	1.3	0.1	1.5	100.7	0.0	124.8	0.0	0.0	139.4	0.0
1980	0.0	13.6	0.3	28.2	2.0	0.1	1.5	100.9	0.0	133.0	0.0	0.0	146.6	0.0
1985	0.0	19.0	0.2	37.2	1.3	0.1	1.4	94.4	(s)	134.6	f 0	0.0	f 153.5	0.0
1990	0.0	9.3	0.2	33.2	1.5	0.1	1.6	100.1	0.0	136.7	0.0	0.0	146.0	0.0
1991	0.0	8.9	0.2	32.9	1.3	0.1	1.4	98.9	0.0	134.7	0.0	0.0	143.6	0.0
1992	0.0	17.8	0.0	36.0	1.5	0.1	1.4	101.9	0.0	140.8	0.4	0.0	158.6	0.0
1993	0.0	22.6	0.1	38.8	1.4	0.1	1.4	102.2	0.0	144.1	0.2	0.0	166.7	0.0
1994	0.0	32.1	0.1	39.0	1.3	0.1	1.5	103.3	0.0	145.3	0.2	0.0	177.4	0.0
1995	0.0	28.0	0.1	40.6	1.0	(s)	1.5	107.8	0.0	151.1	0.1	0.0	179.1	0.0
1996	0.0	34.5	0.2	28.9	1.0	(s)	1.4	97.5	(s)	129.1	(s)	0.0	163.5	0.0
1997	0.0	34.5	0.1	39.0	1.0	(s)	1.5	101.8	0.0	143.4	(s)	0.0	178.0	0.0
1998	0.0	32.8	0.2	49.0	1.0	(s)	1.6	101.5	0.0	153.3	(s)	0.0	186.1	0.0
1999	0.0	31.5	0.1	46.9	1.0	(s)	1.6	100.5	0.0	150.1	(s)	0.0	181.6	0.0
2000	0.0	34.8	0.1	49.4	1.1	(s)	1.6	100.1	0.0	152.2	(s)	0.0	187.0	0.0

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

^c Liquefied petroleum gases.

^d Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

^f There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 12. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-2000, West Virginia

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Wood and Waste	Geothermal Energy	Other ^{b,f}	Total ^g
			Residual Fuel ^{b,c}	Distillate Fuel ^{b,d}	Petroleum Coke ^b	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	5,879	1	33	(s)	0	33	0	398	0	0	0	—
1965	8,025	1	61	(s)	0	62	0	336	0	0	0	—
1970	14,889	1	430	3	0	433	0	437	(s)	0	0	—
1975	25,805	(s)	708	14	0	722	0	467	0	0	0	—
1980	28,499	(s)	0	683	0	683	0	424	0	0	0	—
1985	31,367	(s)	0	369	0	369	0	368	0	0	0	—
1990	29,873	(s)	0	368	0	368	0	435	0	0	0	—
1991	27,557	(s)	0	340	0	340	0	356	0	0	0	—
1992	28,050	(s)	0	307	0	307	0	423	0	0	0	—
1993	27,782	(s)	0	357	0	357	0	362	0	0	0	—
1994	30,318	(s)	0	423	0	423	0	363	0	0	0	—
1995	30,657	(s)	0	338	0	338	0	394	0	0	0	—
1996	32,774	(s)	0	353	0	353	0	497	0	0	0	—
1997	34,487	(s)	0	292	0	292	0	377	0	0	0	—
1998	35,132	(s)	0	324	0	324	0	361	0	0	0	—
1999	36,093	(s)	0	321	0	321	0	303	0	0	0	—
2000	35,651	(s)	0	448	0	448	0	338	14	0	0	—
Trillion Btu												
1960	140.6	1.0	0.2	(s)	0.0	0.2	0.0	4.3	0.0	0.0	0.0	146.0
1965	190.5	1.0	0.4	(s)	0.0	0.4	0.0	3.5	0.0	0.0	0.0	195.4
1970	347.2	0.7	2.7	(s)	0.0	2.7	0.0	4.6	(s)	0.0	0.0	355.2
1975	599.2	0.2	4.4	0.1	0.0	4.5	0.0	4.9	0.0	0.0	0.0	608.8
1980	691.7	0.1	0.0	4.0	0.0	4.0	0.0	4.4	0.0	0.0	0.0	700.1
1985	778.7	0.1	0.0	2.1	0.0	2.1	0.0	3.8	0.0	0.0	0.0	784.9
1990	743.9	0.1	0.0	2.1	0.0	2.1	0.0	4.5	0.0	0.0	0.0	750.7
1991	689.2	0.1	0.0	2.0	0.0	2.0	0.0	3.7	0.0	0.0	0.0	695.1
1992	702.6	0.2	0.0	1.8	0.0	1.8	0.0	4.4	0.0	0.0	0.0	709.0
1993	694.0	0.1	0.0	2.1	0.0	2.1	0.0	3.7	0.0	0.0	0.0	699.9
1994	756.0	0.2	0.0	2.5	0.0	2.5	0.0	3.7	0.0	0.0	0.0	762.5
1995	761.4	0.4	0.0	2.0	0.0	2.0	0.0	4.1	0.0	0.0	0.0	767.8
1996	811.4	0.2	0.0	2.1	0.0	2.1	0.0	5.1	0.0	0.0	0.0	818.8
1997	855.1	0.2	0.0	1.7	0.0	1.7	0.0	3.9	0.0	0.0	0.0	860.9
1998	864.6	0.4	0.0	1.9	0.0	1.9	0.0	3.7	0.0	0.0	0.0	R 870.6
1999	892.3	0.4	0.0	1.9	0.0	1.9	0.0	3.1	0.0	0.0	0.0	R 897.6
2000	876.6	0.4	0.0	2.6	0.0	2.6	0.0	3.4	0.1	0.0	0.0	883.2

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.^c Prior to 1980, based on oil used in steam plants. Since 1980, residual fuel includes fuel oil nos. 4, 5, and 6 and residual fuel oils.^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, distillate fuel includes fuel oil nos. 1 and 2, kerosene, and jet fuel.^e If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.^f "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.^g If applicable, from 1989, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in Table TN8 in the Technical Notes.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.